what if?
alternative growth scenarios

what if?

alternative growth scenarios

for projections 2009

Alameda County Planning Directors, October 24, 2008

Performance Targets

- Driving per capita by 10 percent
- Carbon emissions by 40 percent
- PM2.5 by 10 percent
- PM10 by 45 percent
- Congestion by 20 percent
- Greenfield Development
- Non-auto access to jobs and services by 20 percent

what if?
alternative growth scenarios

Two Futures, Circa 2035

Scattered Success

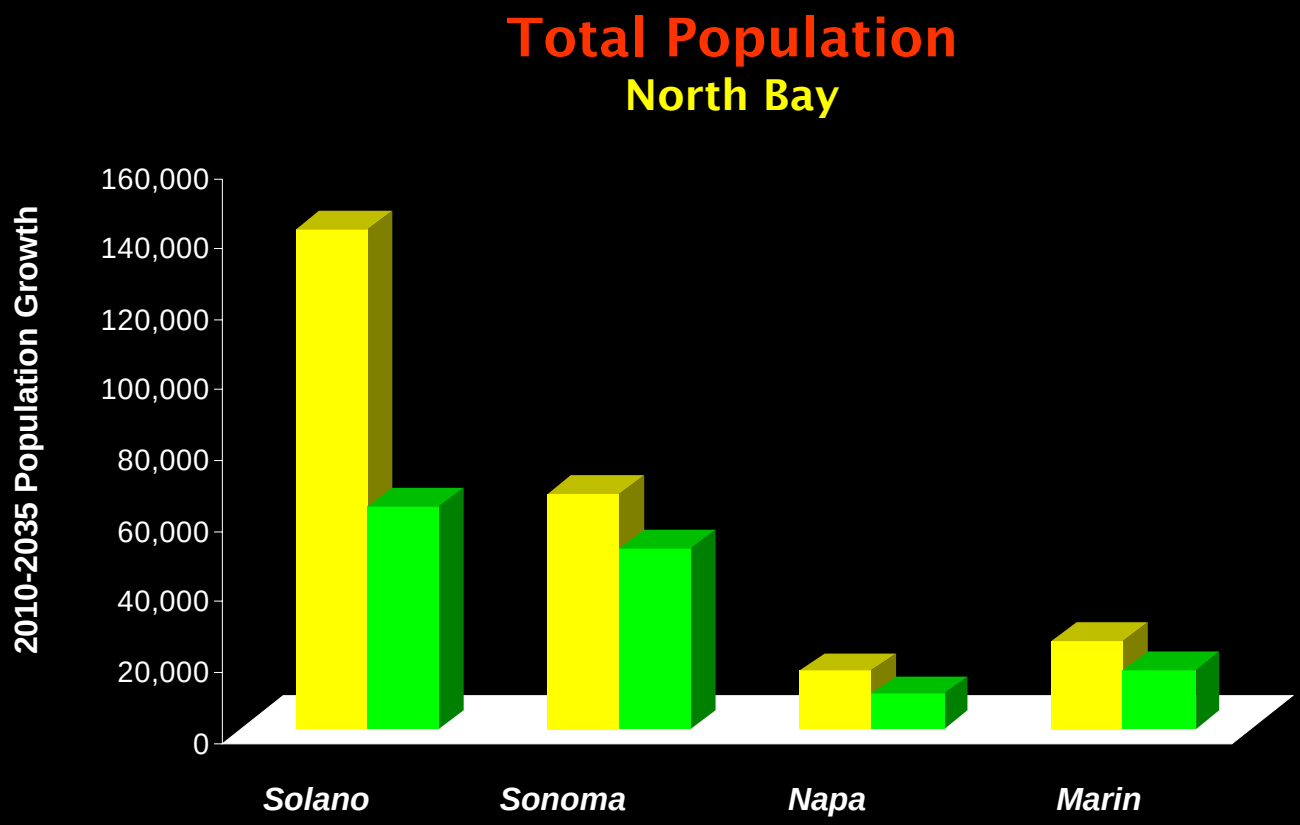
- Consistent w/ Projections 2007
- Some growth in urbanized areas, near job centers and transit
- Within cities, growth mostly continues as projected within local plans
- Continued growth in areas far from jobs, without transit or walkability, i.e. North Bay and eastern Contra Costa

Focused Future

- More aggressive than Proj. 2007
- Most growth in urbanized counties, near jobs and transit
- Within counties & cities, growth directed to downtowns and transit areas to promote, non-auto mobility
- Nominal growth in areas without transit or jobs, i.e. North Bay counties, eastern Contra Costa

what if?
alternative growth scenarios

Two Futures, Circa 2035

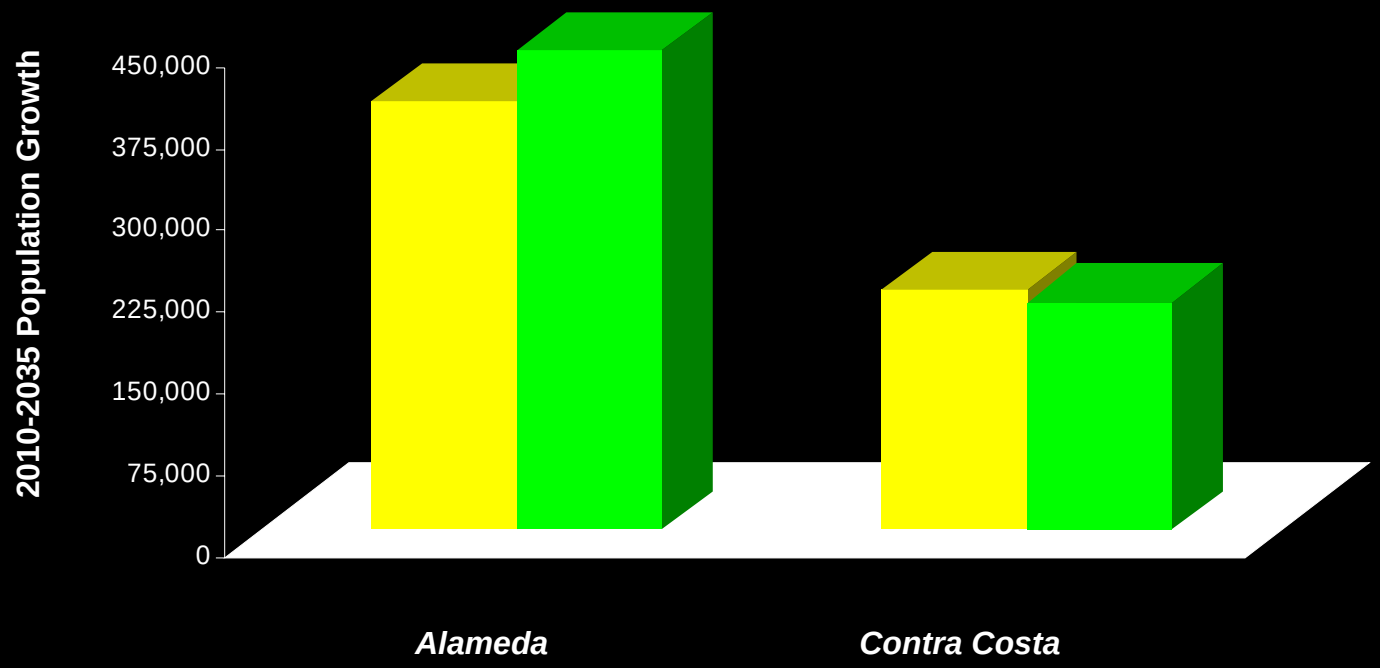


what if?
alternative growth scenarios

Scattered Success
Focused Future

Two Futures, Circa 2035

Total Population
East Bay



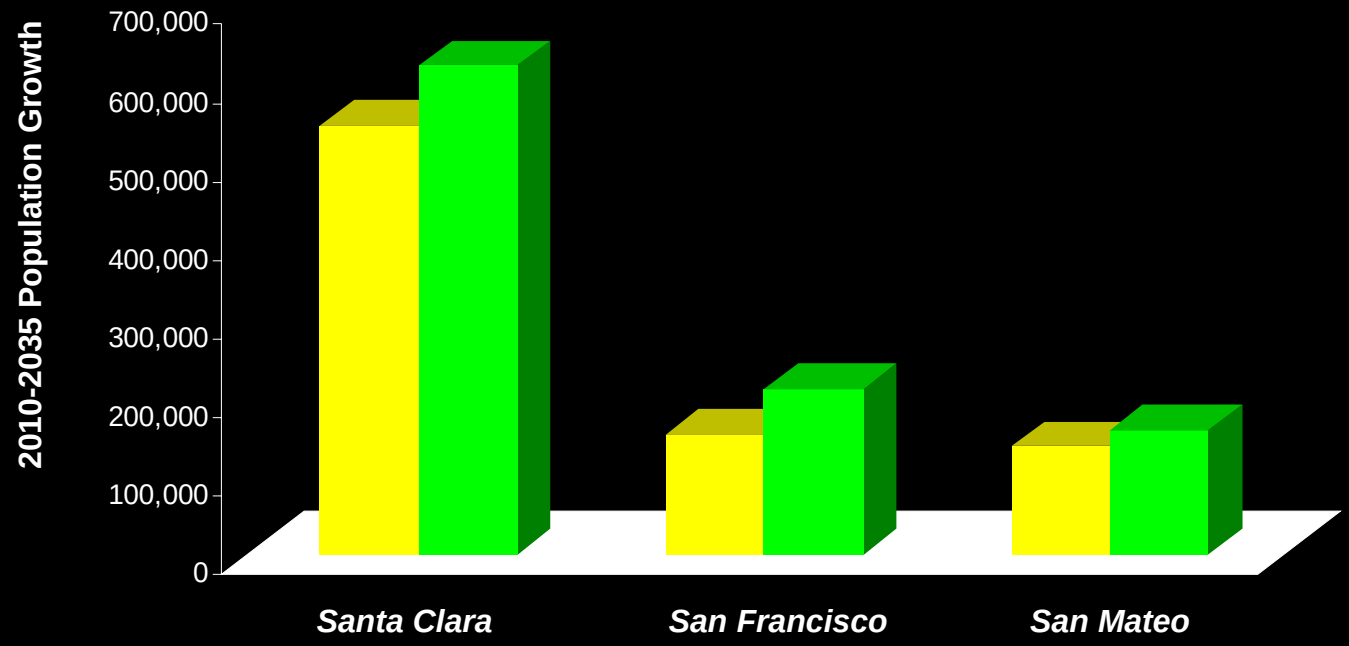
Scattered Success
Focused Future

what if?
alternative growth scenarios

Two Futures, Circa 2035

Total Population

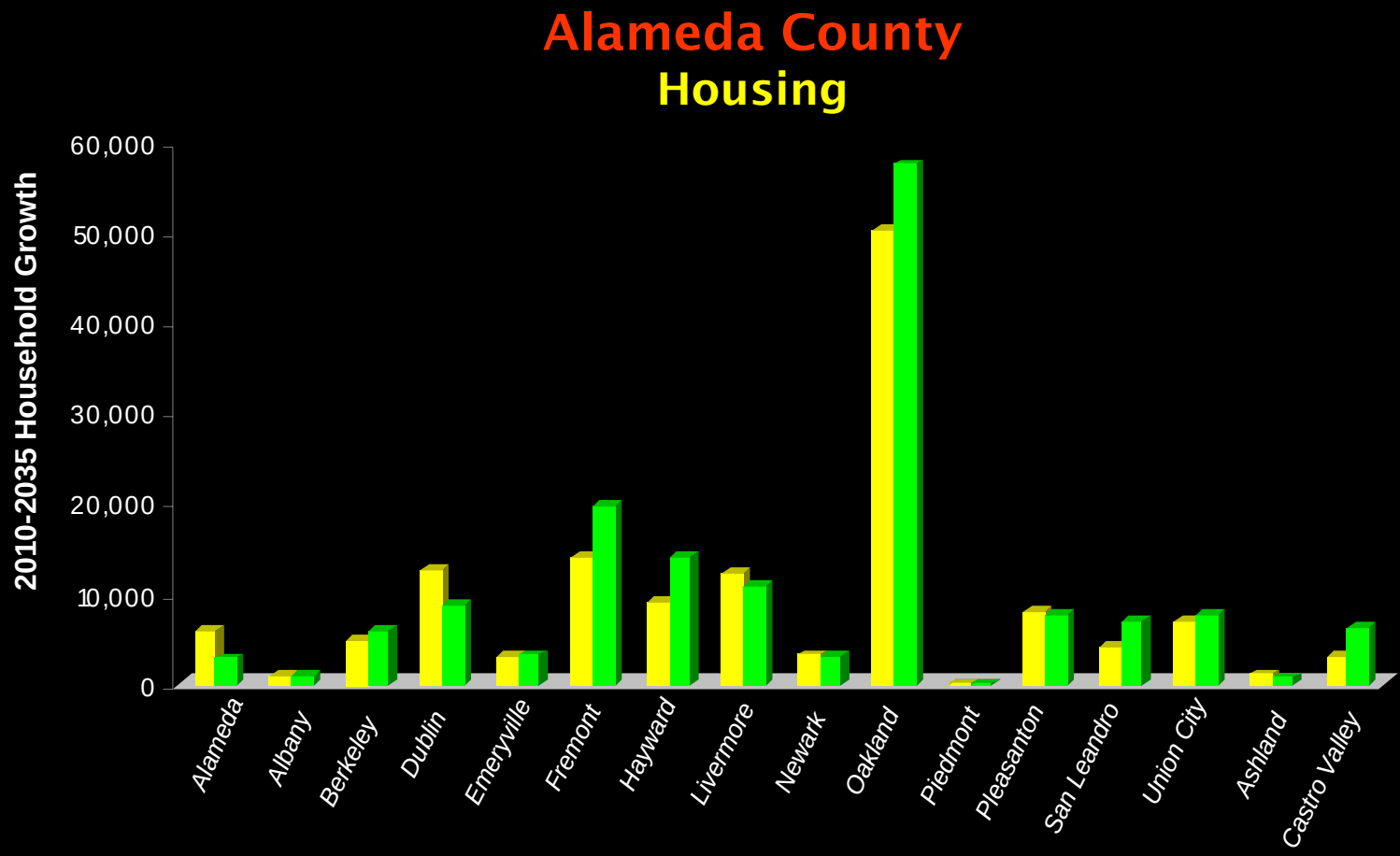
Santa Clara, San Francisco, San Mateo



what if?
alternative growth scenarios

Scattered Success
Focused Future

Two Futures, Circa 2035



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alternative growth scenarios

Scattered Success
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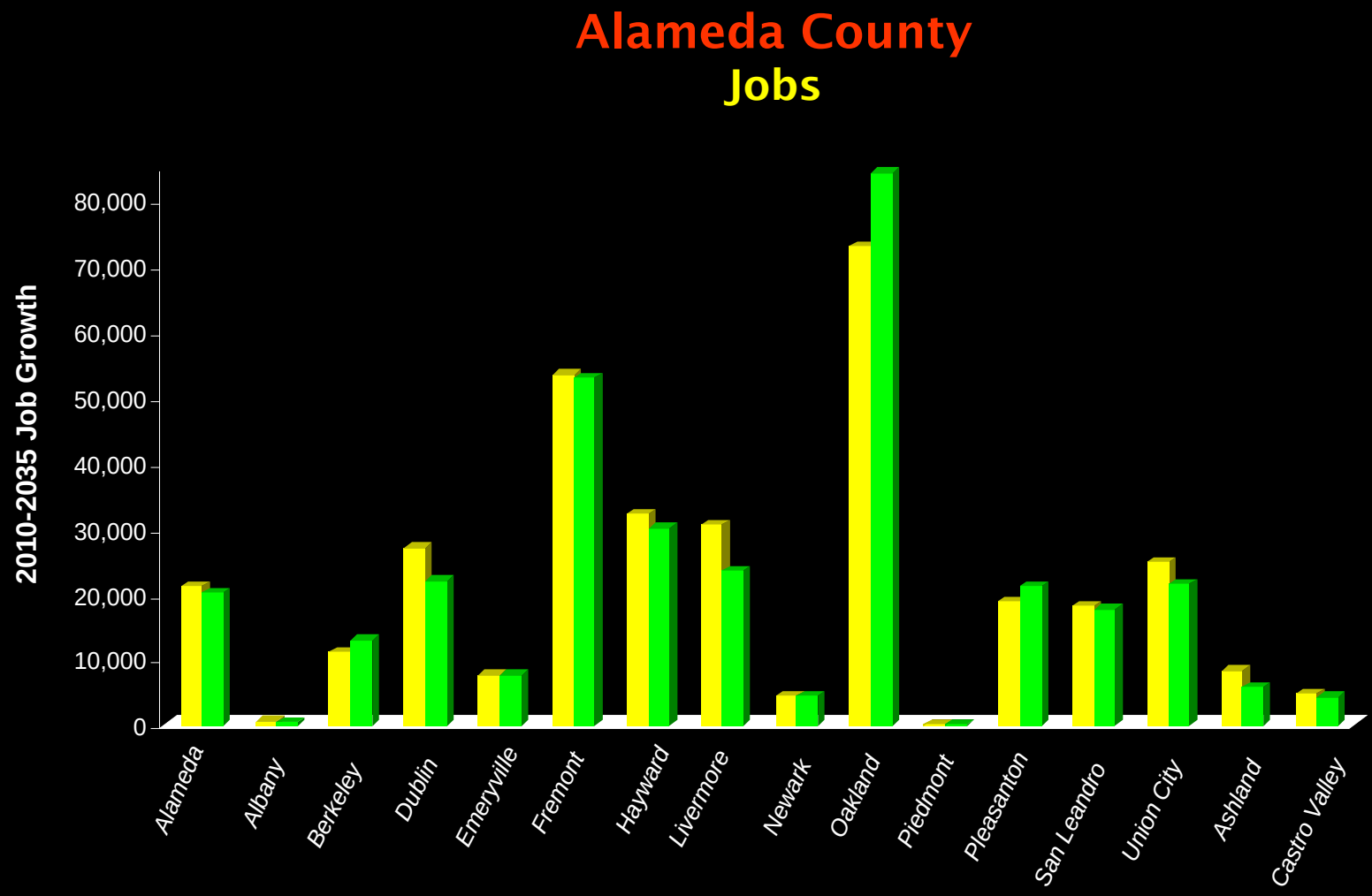
Two Futures, Circa 2035

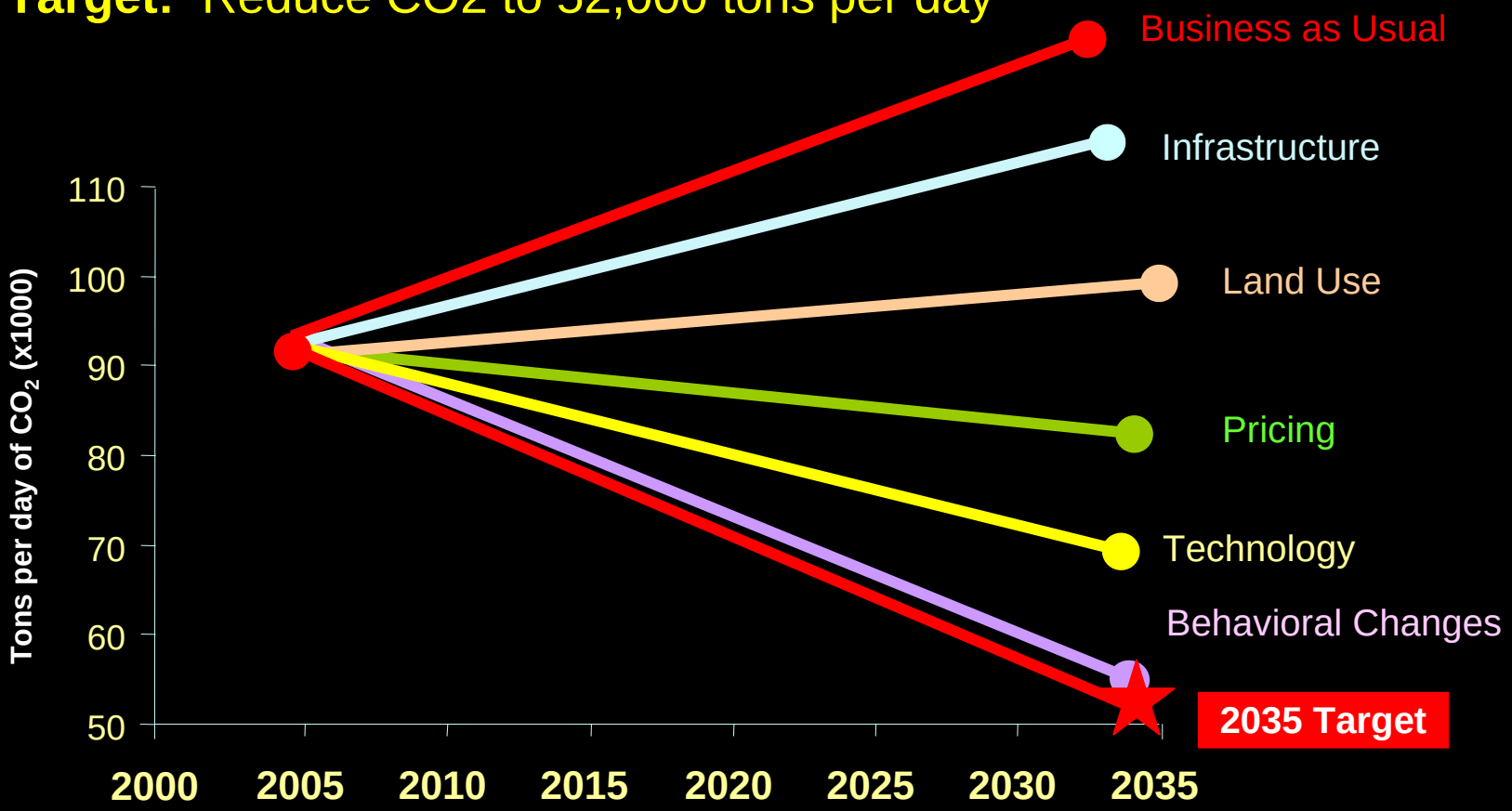


what if?

alternative growth scenarios

Land Use Necessary, Not Sufficient

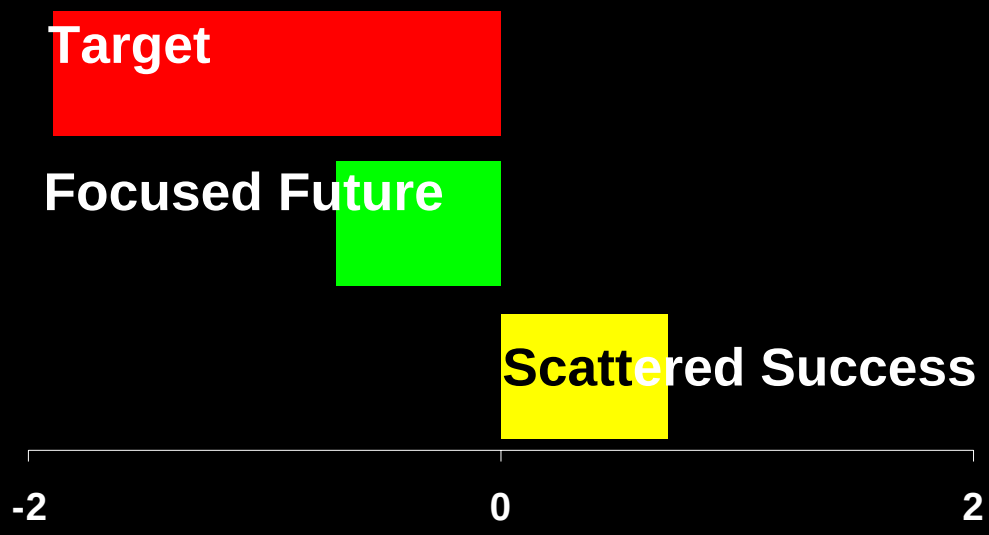
Target: Reduce CO2 to 52,000 tons per day



what if?
alternative growth scenarios

Land Use Performance

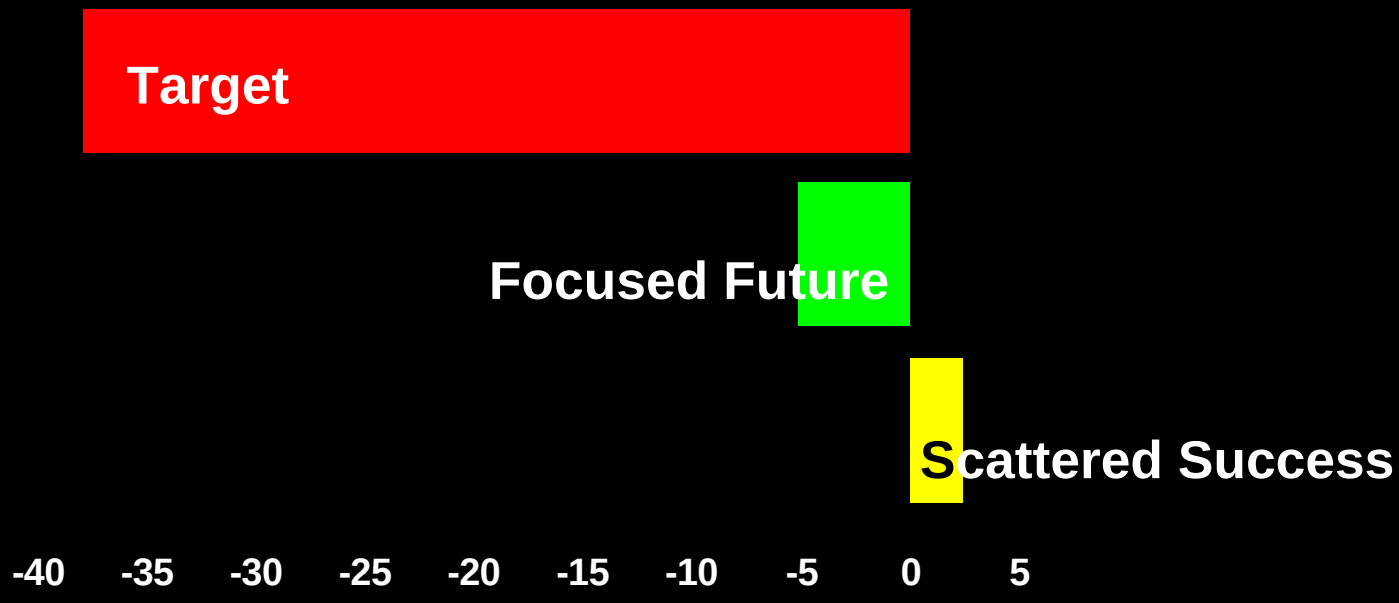
Regional VMT per/capita



what if?
alternative growth scenarios

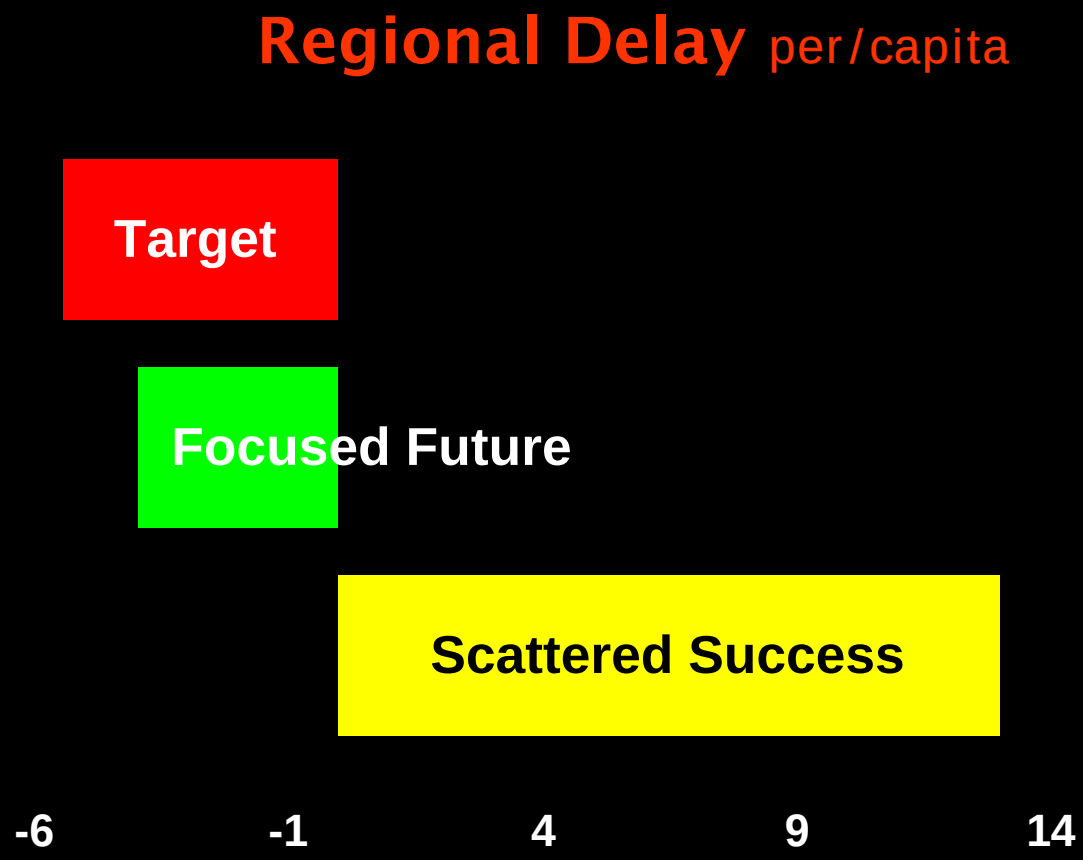
Land Use Performance

Regional CO_2 Emissions



what if?
alternative growth scenarios

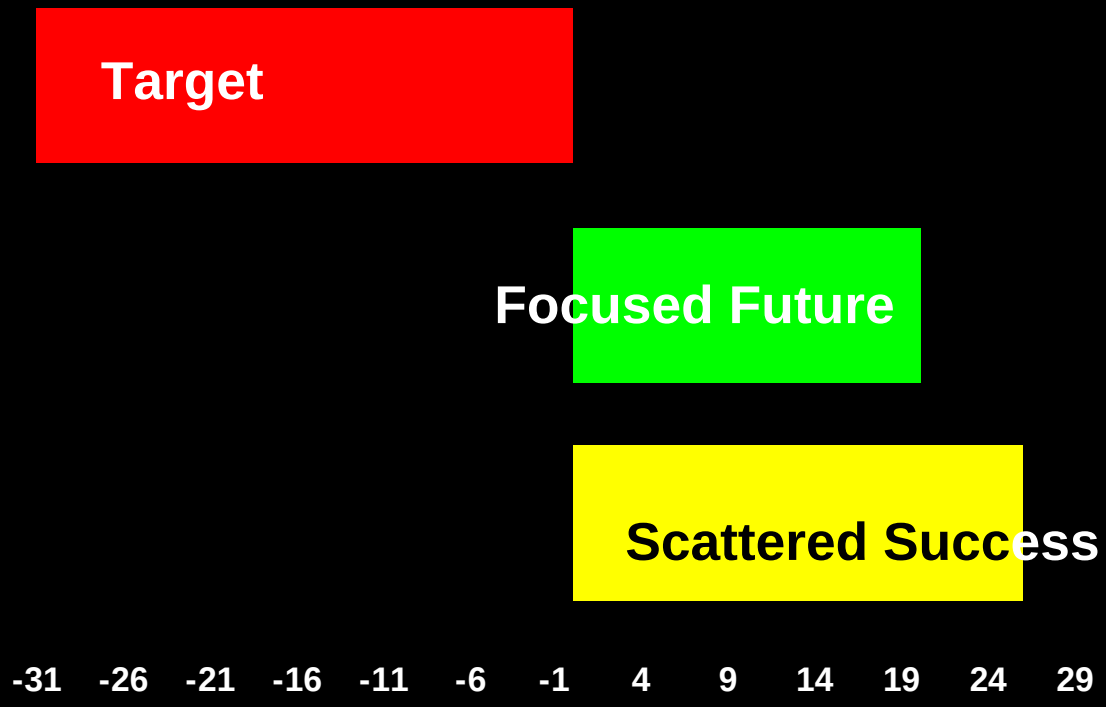
Land Use Performance



what if?
alternative growth scenarios

Land Use Performance

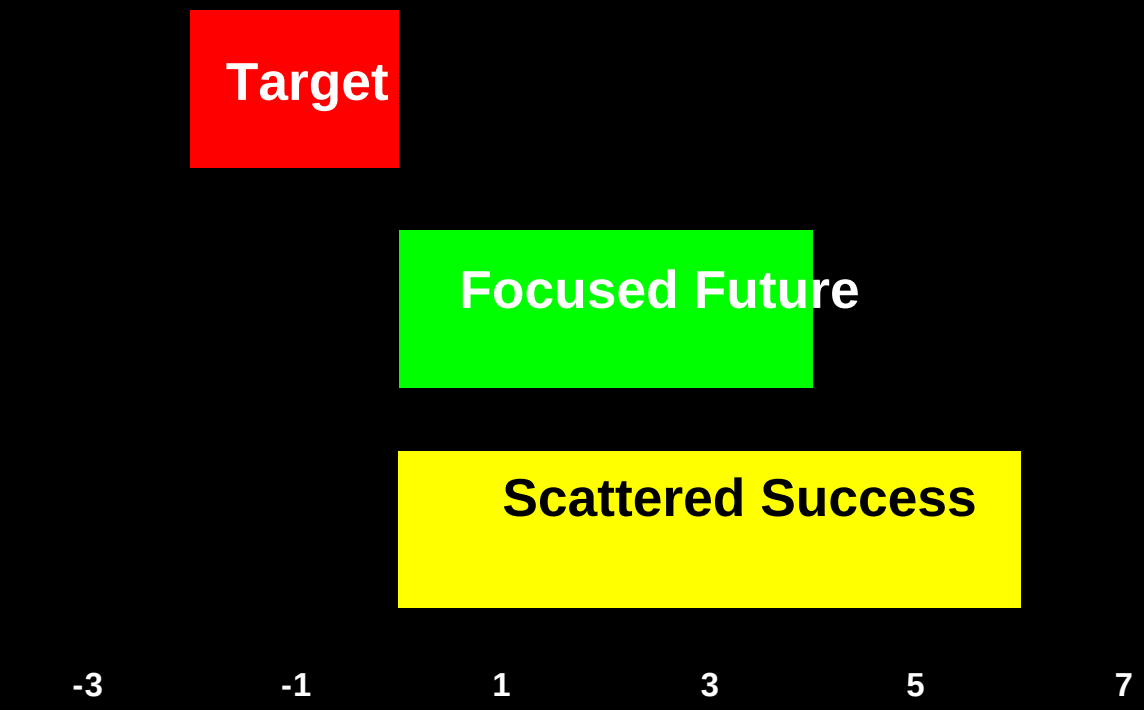
Regional Particulate Matter$_{10}$



what if?
alternative growth scenarios

Land Use Performance

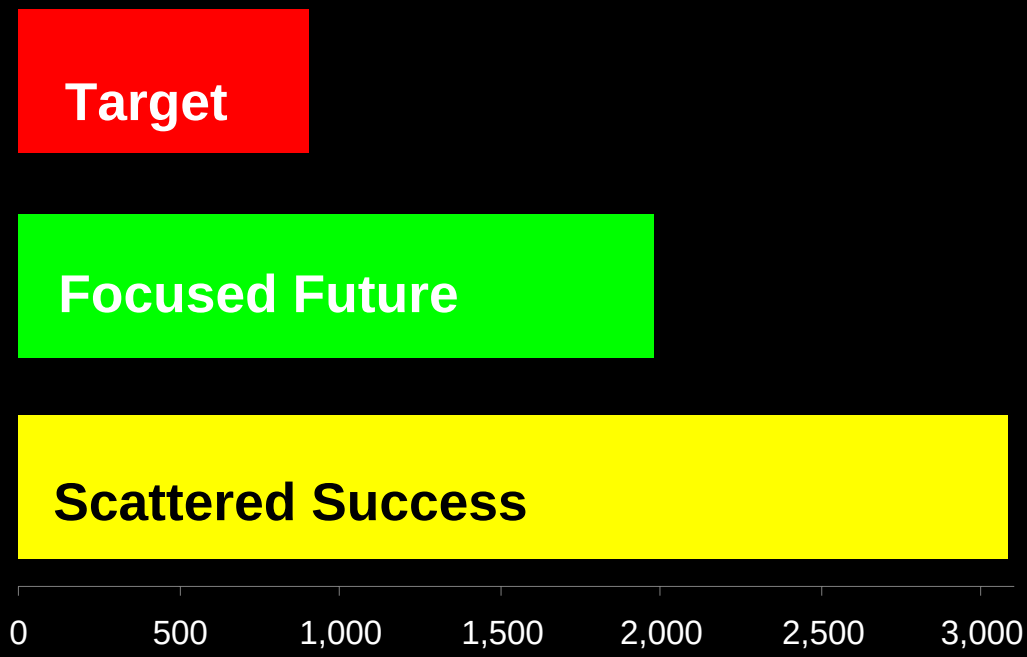
Regional Particulate Matter$_{2.5}$



what if?
alternative growth scenarios

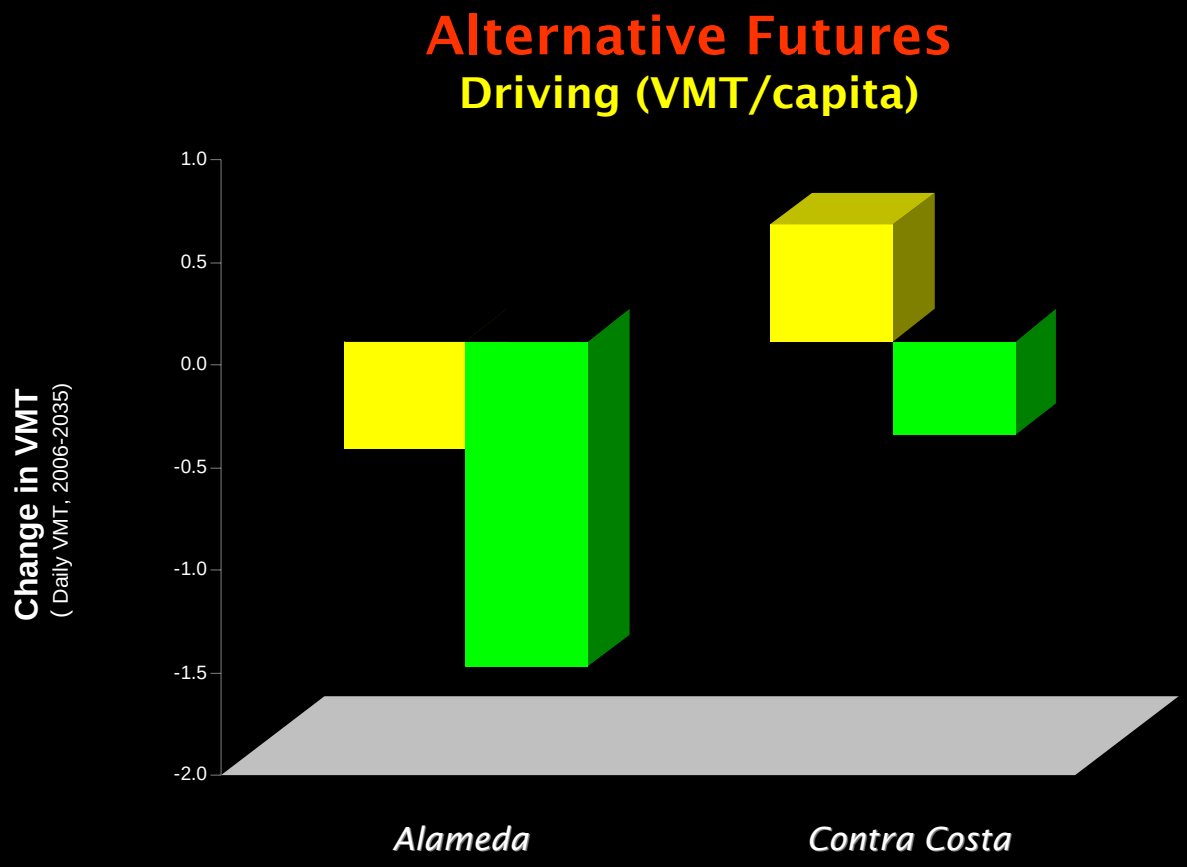
Land Use Performance

Greenfield Development



what if?
alternative growth scenarios

Two Futures, Circa 2035

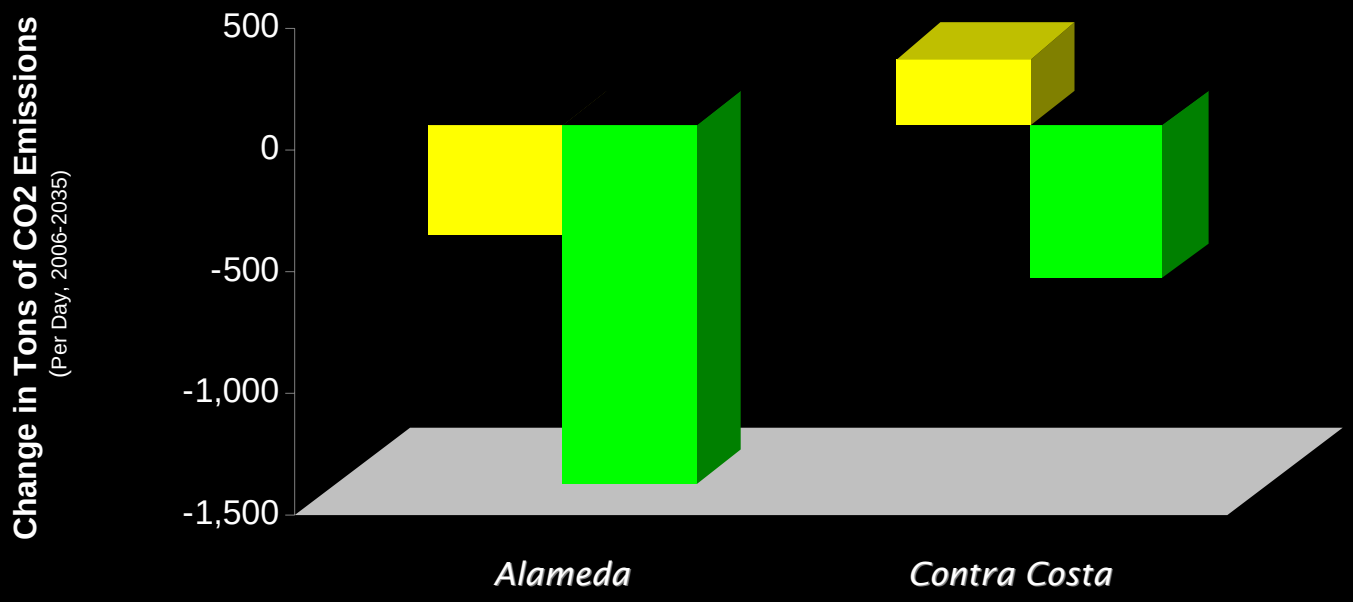


Scattered Success
Focused Future

what if?
alternative growth scenarios

Two Futures, Circa 2035

Alternative Futures
CO_2 Emissions



Scattered Success
Focused Future

what if?
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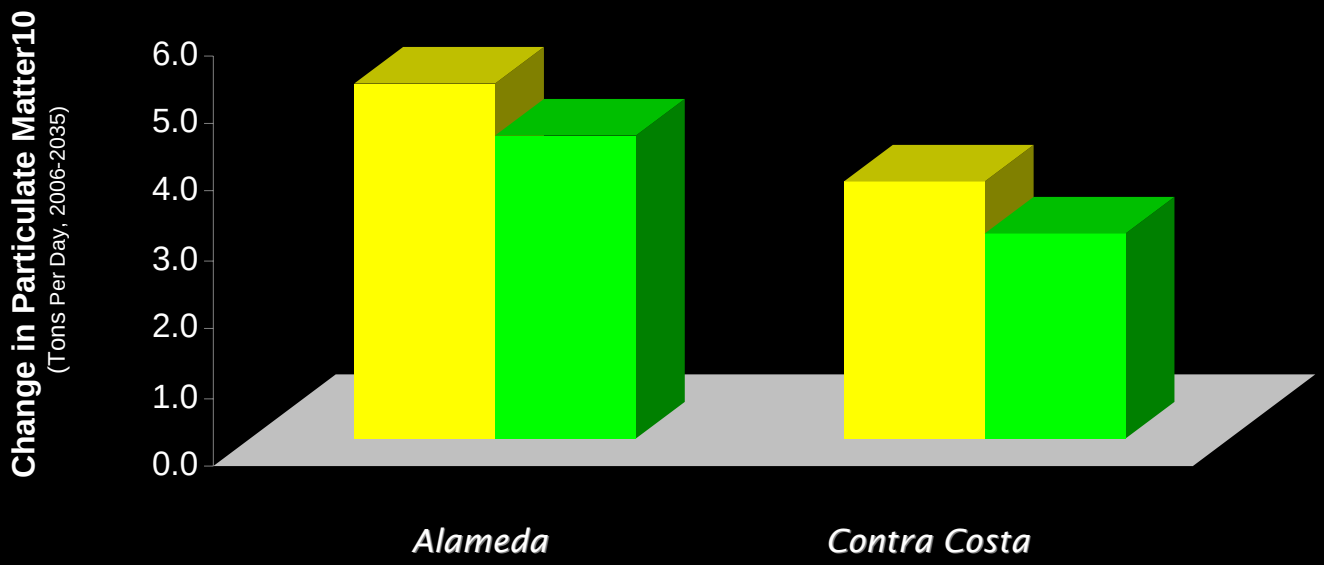
Two Futures, Circa 2035

Alternative Futures
Particulate Matter$_{10}$



Scattered Success
Focused Future

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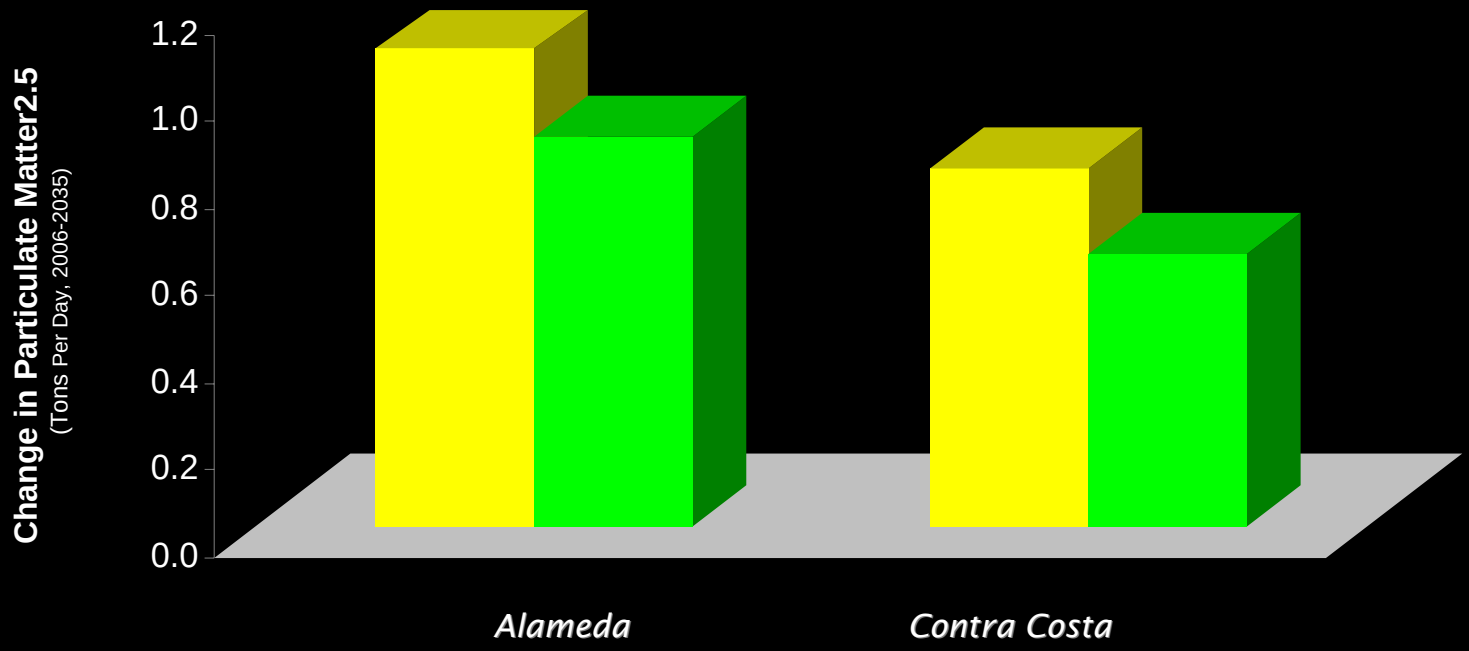
Two Futures, Circa 2035

Alternative Futures

Particulate Matter$_{2.5}$



Scattered Success
Focused Future

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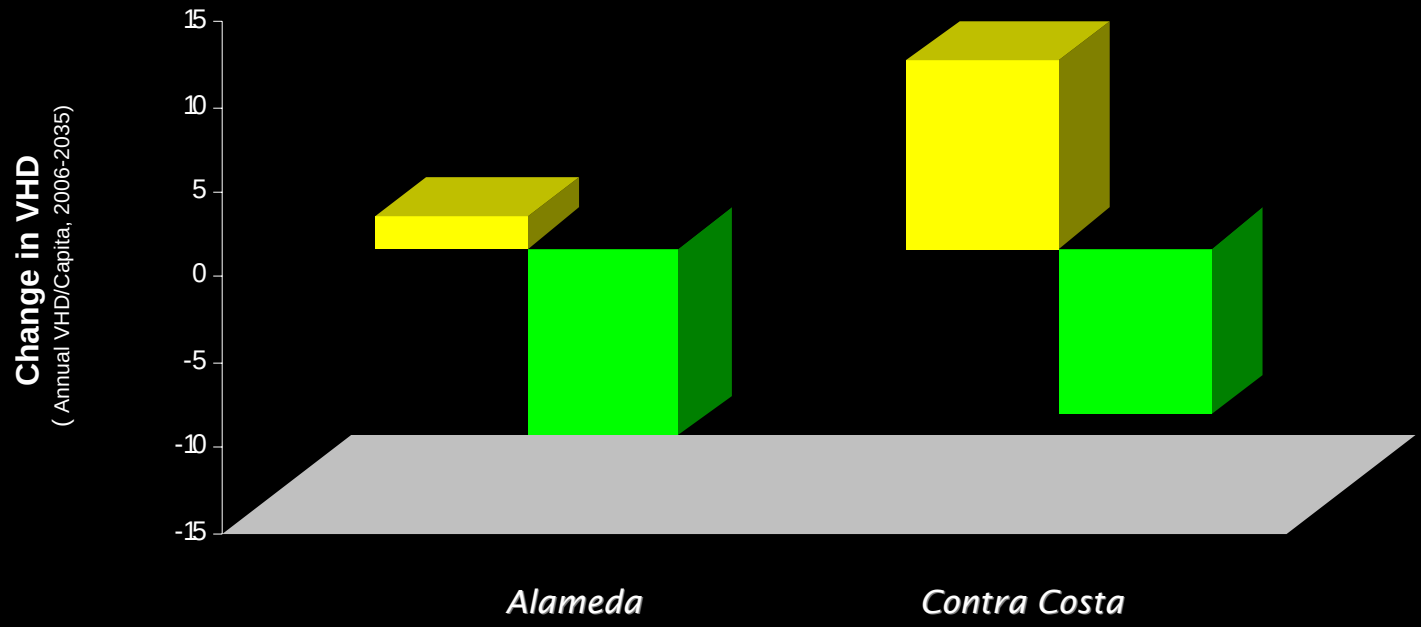
Two Futures, Circa 2035

Alternative Futures
Annual Delay (VHD/capita)



Scattered Success
Focused Future

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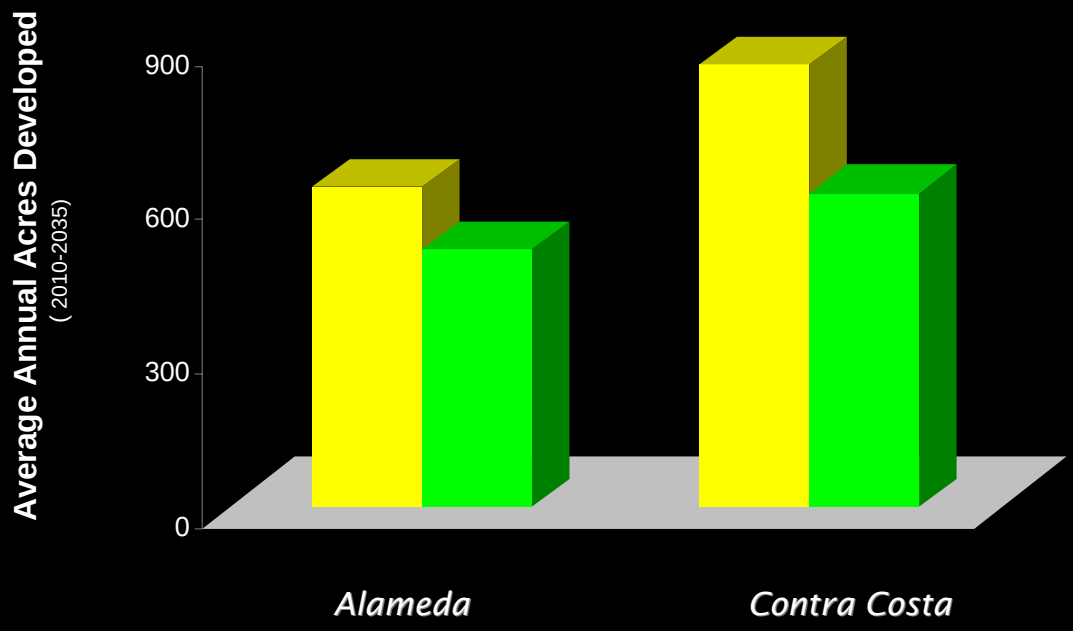
Two Futures, Circa 2035

Alternative Futures
Greenfield Development



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